or more first microphones, the one or more second microphones, the network interface, the one or more processors, and data storage having stored therein instructions executable by the one or more processors. The network microphone device detects that the housing is in a first orientation. After detecting that the housing is in the first orientation, the device enables a first mode. Enabling the first mode includes (i) disabling voice input processing via a cloud-based voice assistant service and (ii) enabling voice input processing via a local natural language unit. While the first mode is enabled, the network microphone device (i) captures sound data associated with a first voice input via the one or more first microphones and (ii) detects, via a local natural language unit, that the first voice input comprises sound data matching one or more keywords from a local natural language unit library of the local natural language unit. The network microphone device determines, via the local natural language unit, an intent of the first voice input based on at least one of the one or more keywords and performs a first command according to the determined intent of the first voice input. The network microphone device may detects that the housing is in a second orientation different than the first orientation. After detecting that the housing is in the second orientation, the network microphone device enables the second mode. Enabling the second mode includes enabling voice input processing via the cloud-based voice assistant service.

[0282] Example 2: The method of Example 1, wherein enabling the first mode further comprises disabling the one or more second microphones.

[0283] Example 3: The method of any of Examples 1 and 2, wherein enabling the second mode further comprises at least one of: (a) disabling the one or more first microphones or (b) disabling voice input processing via the local natural language unit.

[0284] Example 4: The method of any of Examples 1-3, further comprising pairing the NMD to a network device and wherein performing the first command comprises transmitting an instruction over a local area network to the network device.

[0285] Example 5: The method of any of Examples 4, wherein the network device comprises a smart illumination device, and wherein the first command is a command to toggle the smart illumination device on or off.

[0286] Example 6: The method of any of Example 4, wherein the functions further comprise pairing the NMD to a playback device separate from the network device, wherein the playback device is configured to process playback commands transmitted to the playback device from one or more remote computing devices of the cloud-based voice-assistant service.

[0287] Example 7: The method of any of Examples 1-6, further comprising while the second mode is enabled, (i) detecting a sound data stream associated with a second voice input; (ii) detecting a wake-word in the second sound data stream; and (iii) after detecting the wake-word, transmitting the second sound data stream to one or more remote computing devices of the cloud-based voice-assistant service.

[0288] Example 8: The method of any of Examples 1-8, wherein the network microphone device further comprises one or more sensors carried in the housing wherein detecting that the housing is in a second orientation different than the first orientation comprises detecting, via the one or sensors, sensor data indicating that the housing has been re-oriented from the first orientation to the second orientation.

[0289] Example 9: A tangible, non-transitory, computer-readable medium having instructions stored thereon that are executable by one or more processors to cause a playback device to perform the method of any one of Examples 1-8.

[0290] Example 10: A playback device comprising a speaker, a network interface, one or more microphones configured to detect sound, one or more processors, and a tangible, non-tangible computer-readable medium having instructions stored thereon that are executable by the one or more processors to cause the playback device to perform the method of any of Examples 1-8.

We claim:

1. A network microphone device comprising:
one or more first microphones;
one or more second microphones;
a network interface;
one or more processors;
a housing carrying the one or more first microphones, the one or more second microphones, the network interface, the one or more processors, and data storage having stored therein instructions executable by the one or more processors to cause the network microphone device to perform functions comprising:
detecting that the housing is in a first orientation;
after detecting that the housing is in the first orientation, enabling a first mode, wherein enabling the first mode comprises (i) disabling voice input processing via a cloud-based voice assistant service and (ii) enabling voice input processing via a local natural language unit;
while the first mode is enabled, (i) capturing sound data associated with a first voice input via the one or more first microphones and (ii) detecting, via a local natural language unit, that the first voice input comprises sound data matching one or more keywords from a local natural language unit library of the local natural language unit;
determining, via the local natural language unit, an intent of the first voice input based on at least one of the one or more keywords;
performing a first command according to the determined intent of the first voice input;
detecting that the housing is in a second orientation different than the first orientation; and
after detecting that the housing is in the second orientation, enabling the second mode, wherein enabling the second mode comprises enabling voice input processing via the cloud-based voice assistant service.

2. The network microphone device of claim **1**, wherein enabling the first mode further comprises disabling the one or more second microphones.

3. The network microphone device of claim **1**, wherein enabling the second mode further comprises at least one of: (a) disabling the one or more first microphones or (b) disabling voice input processing via the local natural language unit.

4. The network microphone device of claim **1**, wherein the functions further comprise pairing the NMD to a network device and wherein performing the first command comprises transmitting an instruction over a local area network to the network device